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2012

# Technologies for Information Operations

## Short Course, brochure

Monterey, California: Naval Postgraduate School

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<http://hdl.handle.net/10945/44844>



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Naval Postgraduate School Campus. Photo by Javier Chagoya.



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# TECHNOLOGIES FOR INFORMATION OPERATIONS Short Course

Center for Joint Services  
Electronic Warfare



NAVAL  
POSTGRADUATE  
SCHOOL



Nearly every year since 1996, the Naval Postgraduate School (NPS) Center for Joint Services Electronic Warfare (CJSEW) has sponsored the international, 3-week, technical workshop, *Technologies for Information Operations (TIO)*.

As a leader in simulation and modeling, the CJSEW has developed the TIO course based on recent research and development in associated Information Operations technologies. Presented by various NPS faculty, the course covers several exciting technology areas important for tomorrow's war fighters. Examples of these areas include:

- Decision Making Theory
- Advanced Networking Concepts
- Tactical Theory from Fleet Tactics and Coastal Combat
- Operational Testing and Experimentation of Weapon Systems
- Target Recognition and System Identification with Cognitive Radar
- Electronic Attack against a Network-Enabled Distributed Sensor Architecture

The course includes a variety of on-campus laboratory tours, exercises, and demos and an off-campus site visit to the Lawrence Livermore National Laboratory (LLNL) featuring a brief on the strategic research currently coming out of LLNL and multiple tours of its cutting edge science and technology facilities.

#### MASL

P179220

#### Location

Naval Postgraduate School, Monterey, California

#### Dates

October 31 – November 19, 2011

#### Enrollment Deadlines

September 23- LLNL deadline. You must be enrolled by this date in order to be considered for the LLNL tour (applicants are vetted and a limited number of participants are allowed).

October 1- General enrollment deadline. Apply by this date to participate in the course without the LLNL tour.

#### Participants

Mid to high-level officers (Capt – LtCol)

#### Quotas

15 allocated to the Swedish National Defense College

10 worldwide on first come, first served basis

#### Prerequisites

- (1) Undergraduate engineering degree or equivalent
  - (a) Calculus/calculus-based physics sequence required
- (2) English Comprehension Level (ECL) score of 85.

#### Tuition

\$6,500

#### Conference Fee

\$150 (to be paid in cash upon check-in)

#### Enrollment

All applications must be submitted through the applicant's Ministry of Defense to the Training office in the US Embassy in the applicant's country. Tuition and Invitational Travel Orders (ITOs) are handled

through the U.S. Joint Security Cooperation Education and Training Program.

#### Lodging

Rooms are available at NPS. The cost for a single room is \$50/night, and the cost for a suite is \$60/night.

#### Questions

Address all questions regarding application to attend this program and lodging to:

H. GARY ROSER,  
Colonel, USMC (Ret)  
Assistant Dean of the School of International Graduate Studies  
Code 04IGP  
1 University Circle, Rm B-047  
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